



June 2, 2011

California Regional Water Quality Control Board
Los Angeles Region
Samuel Unger, Executive Officer

Executive Officer's Report

The Executive Officer's Report is not intended to be an exhaustive list, but rather highlights of Regional Board staff activities from the previous month.

*Compliance and Enforcement Program
Enforcement Unit*

Expedited Payment Program

*Our mission is to preserve
and enhance the quality of
California's water resources
for the benefit of present and
future generations.*

- **Settlement Offer No. R4-2011-0076-M** was issued to the City of Bellflower (Permittee) on April 21, 2011, in the amount of \$3,000 for alleged violations of Regional Board Order No. R4-2003-0108, NPDES No. CAG994005 for 9944 Flora Vista Street. The Permittee has until May 23, 2011 to respond.
- **Settlement Offer No. R4-2011-0081-M** was issued to the City of Los Angeles Department of Water and Power (Permittee) on April 21, 2011, in the amount of \$12,000 for alleged violations of Regional Board Order No. 00-083, NPDES No. CA0000370 for Scattergood Generating Station. The Permittee has until May 23, 2011 to respond.
- **Settlement Offer No. R4-2011-0069-M** was issued to L. Flynt, Ltd.-8484, Inc. on April 14, 2011 in the amount of \$6,000 for alleged violations of Regional Board Order No. R4-2003-0111 and R4-2008-0032, NPDES Permit No. CAG994004 for Great Western Savings Center. The Permittee has until May 16, 2011 to respond.
- **Settlement Offer No. R4-2011-0073-M** was issued to Los Angeles Department of Water and Power on April 15, 2011 in the amount of \$6,000 for alleged violations of Regional Board Order No. R4-2008-0032, NPDES Permit No. CAG994004 for River Supply Conduit Improvement Project, along Riverside Dr. and Lankershim Blvd. The Permittee has until May 16, 2011 to respond.
- **Settlement Offer No. R4-2011-0074-M** was issued to Brentwood on Wilshire, LLC on April 18, 2011 in the amount of \$12,000 for alleged violations of Regional Board Order No. R4-2008-0032, NPDES Permit No. CAG994004 for Brentwood on Wilshire, LLC. The Permittee has until May 18, 2011 to respond.
- **Settlement Offer No. R4-2011-0084-M** was issued to City of Simi Valley on April 25, 2011 in the amount of \$60,000 for alleged violations of Regional Board Order No. R4-2003-0081, NPDES Permit No. CA0055221 for Simi Valley Water Quality Control Plant. The Permittee has until May 25, 2011 to respond.
- **Settlement Offer No. R4-2011-0067-SW** was issued to R&L Carriers (Permittee) on April 13, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I021054). The Permittee has until May 16, 2011 to respond.
- **Settlement Offer No. R4-2011-0070-SW** was issued to New Century Industries Inc. (Permittee) on April 13, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I021066). The Permittee has until May 16, 2011 to respond.

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- **Settlement Offer No. R4-2011-0066-SW** was issued to SAIA Motor Freight Line, LLC (Permittee) on April 13, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I019450). The Permittee has until May 16, 2011 to respond.
- **Settlement Offer No. R4-2011-0072-SW** was issued to Continental Precision Stamping Inc. (Permittee) on April 14, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I018801). The Permittee has until May 17, 2011 to respond.
- **Settlement Offer No. R4-2011-0068-SW** was issued to Smurfit-Stone Container Corporation (Permittee) on April 18, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I006342). The Permittee has until May 19, 2011 to respond.
- **Settlement Offer No. R4-2011-0075-SW** was issued to TEC Processing Company (Permittee) on April 19, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I011986). The Permittee has until May 20, 2011 to respond.
- **Stipulated Order On Settlement Offer No. R4-2011-0008-SW** was issued to Metal Preparations, Inc. (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I009228). The payment is due by May 24, 2011
- **Stipulated Order On Settlement Offer No. R4-2011-0003-SW** was issued to NHK Laboratories, Inc. Inc. (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I018928). The payment is due by May 24, 2011.
- **Stipulated Order On Settlement Offer No. R4-2011-0007-SW** was issued to Ajax Forge Co.. (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I000107). The payment is due by May 24, 2011.
- **Stipulated Order On Settlement Offer No. R4-2011-0010-SW** was issued to Savios Custom Furniture (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I018895). The payment is due by May 24, 2011.
- **Stipulated Order On Settlement Offer No. R4-2011-0011-SW** was issued to Valley Base Materials (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I017630). The payment is due by May 24, 2011.
- **Stipulated Order On Settlement Offer No. R4-2011-0014-SW** was issued to TJ's Metal (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I017645). The payment is due by May 24, 2011.
- **Stipulated Order On Settlement Offer No. R4-2011-0015-SW** was issued to Sur-Fin Chemical Corporation (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I012852). The payment is due by May 24, 2011.
- **Stipulated Order On Settlement Offer No. R4-2011-0016-SW** was issued to Supreme Steel Treating, Inc. (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I013695). On February 4, 2011, the Regional Board received payment in full.
- **Stipulated Order On Settlement Offer No. R4-2011-0018-SW** was issued to Structural Materials Co. (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I016315). On February 1, 2011, the Regional Board received payment in full.
- **Stipulated Order On Settlement Offer No. R4-2011-0020-SW** was issued to Cerexagri Decco Inc. (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I009484). The payment is due by May 24, 2011.
- **Stipulated Order On Settlement Offer No. R4-2011-0021-SW** was issued to Applied Companies (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I011434). The payment is due by May 24, 2011.
- **Stipulated Order On Settlement Offer No. R4-2011-0023-SW** was issued to WMC Precision Machining and Grinding, Inc. (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No. CAS000001 (WDID # 419I020116). The payment is due by May 24, 2011.
- **Stipulated Order On Settlement Offer No. R4-2011-0028-SW** was issued to West Side Recycling (Permittee) on May 11, 2011 in the amount of \$1,000 for alleged violations of Regional Board Order No 97-DWQ, NPDES No.

CAS000001 (WDID # 419I000980). The payment is due by May 24, 2011.

- **Stipulated Order On Settlement Offer No. R4-2008-0194-M** was issued to the City of Alhambra (Permittee) on April 14, 2011, in the amount of \$6,000 for alleged violations of Regional Board Order Nos. R4-2002-0107 and R4-2007-0022, NPDES No. CAG914001 for the Groundwater Treatment Plant at 512 South Granada Avenue, Alhambra, CA. On April 21, 2011, the Regional Board received payment in full.
- **Stipulated Order On Settlement Offer No. R4-2011-0002-M** was issued to Calleguas Municipal Water District (Permittee) on April 22, 2011, in the amount of \$6,000 for alleged violations of Regional Board Order No. R4-2008-0032, NPDES No. CAG994004 for the Phase 1E Brine Line Project. On May 3, 2011, the Regional Board received payment in full.
- **Stipulated Order On Settlement Offer No. R4-2011-0025-M** was issued to Vopak Terminal Long Beach Inc. (Permittee) on April 22, 2011, in the amount of \$24,000 for alleged violations of Regional Board Order Nos. R4-2005-0007 and R4-2010-0018, NPDES No. CA0064165 for Vopak Terminal Long Beach. The Permittee has until ten calendar days following receipt of the Stipulated Order to respond.
- **Directive for ACL Order No. R4-2008-0161-M** was issued to CalClean, Incorporated on April 29, 2011 in the amount of \$3,000 for alleged violations of Regional Board Order No. R4-2002-0125, NPDES Permit No. CAG834001, for the former GP Resources Facility. The Permittee has until May 30, 2011 to submit payment.

NPDES Facility Inspections

The Enforcement Unit NPDES inspector conducted inspections at 7 Major facilities with NPDES Permits from May 5, 2011 to June 2, 2011. Inspection of these facilities is a required part of the NPDES program.

13267 Order

A 13267 Order (R4-2011-0086) to Submit Information Letter was issued to the Los Angeles County Department of Public Works (County) on May 10, 2011 for the April 22, 2011, discharge of raw sewage into the storm drain at 3810 Camel Street, East Los Angeles, Los Angeles County, California. The County has until June 10, 2011 to submit the required information and report to the Regional Board.

Notices of Violation issued

Date Issued	WDID	Permittee	Permit Type
4/22/2011	4B190107019	Joint Outfall System, Pomona WRP	NPDES R4-2009-0076; CA0053619; CI 0755
5/4/2011	4B193500004	L.A. DWP, Harbor Generating Station	NPDES R4-2003-0101, CA0000361, CI 2020
5/6/2011	4B190106005	City of L.A. Bureau of Sanitation, Terminal Island WRP	NPDES R4-2010-0071, CA0053856, CI 2171
4/18/2011	4B193500002	City of L.A. DWP, Haynes Generating Station	NPDES R4-2004-0089, CA0000353, CI 2769
5/9/2011	4B190107016	Sanitation Districts of L.A. County, Whittier Narrows WRP	NPDES R4-2009-0077, CA0053716, CI 2848
5/2/2011	4A190107021	Santa Clarita Valley Sanitation District of L.A. County, Saugus WRP	NPDES R4-2009-0075, CA0054313, CI 2960
4/22/2011	4B190101001	City of Burbank - Burbank WRP	NPDES R4-2010-0058, CA0055531, CI 4424
5/6/2011	4A560112001	City of Thousand Oaks, Hill Canyon Wastewater Treatment Plant	NPDES R4-2003-0083, CA0056294, CI 4917
5/4/2011	4B190107020	Sanitation District of L.A. County, San Jose Creek WRP	NPDES R4-2009-0078, CA0053911, CI 5542
4/15/2011	4A562019002	RRI Energy, Inc., Ormond Beach Generating Station	NPDES 01-092, CA0001198, CI No. 5619
5/5/2011	4A562013002	The Boeing Company, Santa Susana Field Laboratory	NPDES R4-2010-0090, CA0001309, CI 6027
5/4/2011	4B192111006	AES Alamos, LLC - Alamos Generating Station	NPDES 00-082, CA0001139, CI 6113
4/22/2011	4B190106007	L.A. DWP, Haynes Generating Station - Tank Farms: A, B, C, & D; F & G; and H & J	NPDES R4-2006-0054, CA0057649, CI 6208
5/2/2011	4B196100007	CBS Corporation Television City	NPDES R4-2008-0032, CAG994004, CI 7275
5/9/2011	4B192131026	ConocoPhillips, L.A. Refinery - Carson Plant	NPDES R4-2006-0082, CA0063185, CI 7352
4/18/2011	4B196000152	Suburban Water Systems - Plants 409 and 410	NPDES R4-2003-0108, CAG994005, CI 7446
5/5/2011	4A560103003	Ventura County Waterworks District No. 1, Moorpark Wastewater Treatment Plant	NPDES R4-2003-0151, CA0063274, CI 7513
5/9/2011	4B196000200	MPI, Ltd. - Wiltshire/La Cienega Building	NPDES R4-2008-0032, CAG994004, CI 7573
5/6/2011	4A566300096	Golden State Water Company - San Antonio Filter Plant	NPDES R4-2009-0047, CAG994003, CI 7986
5/6/2011	4B196100044	City of Compton - Municipal Water Supply Wells	NPDES R4-2003-0108, CAG994005, CI 8147
04/25/2011	4B197500236	4733 Elmwood LLC	NPDES R4-2008-0032; CAG994004; CI-9271
05/06/2011	4B196400051	L & R Auto Parks, Inc.	NPDES R4-2003-0111; CAG994004; CI-7013

Stormwater Compliance & Enforcement

March 2011 Storm Water Workshop

Wendy Liu

City of Vernon Health & Environmental Control Department organized a Stormwater Compliance Workshop on March 30, 2011 held in City Hall. The targeted audience is the Industrial General Storm Water permittees in the City. City invited a storm water consultant, a permittee, and its own environmental specialists to discuss their respective storm water program implementation. Wendy Liu of Regional Board also made a presentation on Storm Water Permit Requirement and briefly on Compliance and Enforcement.

Summary of Database Management

Records of No Stormwater Sample Results in 2008-2009 Annual Report

Harumi Goya

Requests for Information letters were sent out in January, 2011 for those permittees that failed to collect storm water samples for the 2008/09 rainy season, although the records from the closest rain gauge show that there were enough precipitations for sampling for the season. 91 additional letters were logged in SMARTS during this period and it completed the log in process for 204 sites.

Data Clean-up

Harumi Goya

SMARTS contains a lot of incomplete or inaccurate records that need to be cleaned-up. For example, enforcement records associated with over 1,000 violation records are missing. The clean-up process for these records just began this quarter. An in house training for logging in and correcting the data in SMARTS was given to the staff on 5/4/11.

2 Notice of Termination were denied:

Date Issued	WDID#	Permittee	Type
4/21/2011	4 19I002929	PP Manufacturing Co. Inc.	Industrial
4/21/2011	4 19I020495	Water & Energy Systems Technology Inc.	Industrial

3 Requests for Information were sent:

Date Issued	WDID#	Permittee	Type
4/25/2011	4 19I013881	Universal Molding Extrusion Co.	Industrial
4/25/2011	4 19I014397	Universal Molding Extrusion Co.	Industrial
4/25/2011	4 19I021943	Pacer Auto Dismantling	Industrial

One Benchmark Exceedance Letter was issued:

Date Issued	WDID#	Permittee	Type
4/13/2011	4 19I019246	Arch Aluminum & Glass LLC	Industrial

One Request for Time Extension was approved:

Date Issued	WDID#	Permittee	Type
4/13/2011	4 19C358319	Aera Energy LLC	Construction

2 Response to Request for Notice of Violation Retracting were issued:

Date Issued	WDID#	Permittee	Type
4/22/2011	4 19I019486	AMR North Hollywood	Industrial
5/6/2011	4 19I019562	Pratt & Whitney Rocketdyne Inc.	Industrial

18 Notices of Violation were issued:

Date Issued	WDID#	Permittee	Type
4/13/2011	4 19I019382	FedEx Freight	Industrial
4/18/2011	4 19I017544	Watkins Sheppard Trucking Inc.	Industrial
4/26/2011	4 19I014350	Prime Wheel Corporation	Industrial
4/26/2011	4 19I016537	DVH circuits Inc.	Industrial
4/26/2011	4 19I019660	Oriental Marble House	Industrial
4/26/2011	4 19I019759	Pomona Municipal Direct Transfer Facility	Industrial
4/26/2011	4 56I020514	Bragg Investment Co. Inc.	Industrial
4/26/2011	4 19I020881	US Polymers Inc.	Industrial
4/26/2011	4 19I021488	Advanced Bionics LLS	Industrial
4/26/2011	4 56I022019	Major Appliance Recycling Service	Industrial
4/26/2011	4 19I018647	A's Match Dyeing	Industrial
4/27/2011	4 19I006760	Unified Western Grocers	Industrial
4/27/2011	4 19I020937	Tesoro Refining & Marketing Company	Industrial
4/27/2011	4 56I017340	Fillmore Piru Citrus Association	Industrial
4/27/2011	4 19I003926	A-King Auto Dismantler	Industrial
5/4/2011	4 56I360179	SUP Hillcrest 36 LLC	Industrial
5/4/2011	4 56C325181	DR Horton	Construction
5/9/2011	4 19I020781	UPM Inc.	Industrial
5/9/2011	4 19I019450	Saia Motor Freight Line LLC	Industrial

Regional Programs

Water Quality in the Malibu Creek Watershed

Michael Lyons

Order R4-2010-0165 issued to the Las Virgenes Municipal Water District (LVMWD) for the Tapia Water Reclamation Facility required the discharger to facilitate the development of an updated comprehensive Watershed-wide Monitoring Program for the Malibu Creek Watershed in conjunction with other interested stakeholders. As part of this process, the discharger was required to submit an analysis of 40 years of existing monitoring data available from past watershed management activities. This report was due to the Los Angeles Regional Board by April 1, 2011.

The report, entitled “Water Quality in the Malibu Creek Watershed, 1971-2010: Existing Conditions, Historical Trends and Data Inter-Relationships” was submitted to the Los Angeles Regional Board on March 31, 2011. The report provides useful information on mineral quality and aquatic life conditions throughout the watershed over the past four decades. It also demonstrates that there is considerable overlap and redundant monitoring in the watershed.

LVMWD plans to meet with interested stakeholders, including Regional Board staff, over the next few months to integrate and consolidate monitoring programs into more efficient and more cost-effective focused monitoring efforts. A plan for joint implementation of a watershed-wide monitoring plan is due to the Los Angeles Regional Board by September 2, 2011.

The 98-page report is available at the following site: <ftp://66.185.19.6>. Please contact Jan Dougall (jdougall@lvmwd.com or 818-251-2167) for the login and password information to access the report.

Underground Storage Tank Program

Completion of Corrective Action at Leaking Underground Fuel Storage Tank Sites

Yue Rong

Regional Board staff have reviewed corrective actions taken for soil and/or groundwater contamination problems from leaking underground storage tanks for the time of **March 30, 2011** through, **April 18, 2011**, and determined that no further corrective actions are required for the following sites:

1. Carpenters Trust Site, Los Angeles (900180025)
2. Shell Service Station, Los Angeles (900350052A)
3. Former Pickett Station (Western Portion), Los Angeles (900190025)

For the case closure sites above, a total of **1,264** tons of impacted soils were excavated and **22,273** pounds of hydrocarbons were removed by soil vapor extraction system. In addition, **231,150** gallons of impacted groundwater were treated.

Remediation Program

Site Clean Up I

Grand Avenue Mercy Housing Case Closure, Los Angeles

David Young

The Grand Avenue Mercy Housing site is located at 1450 Grand Avenue, Los Angeles, California. The subject site had been impacted by releases of volatile organic compounds (VOCs). Tetrachloroethene (PCE) was the primary contaminant of concern identified at the site. This contamination was likely associated with historical operations at a metal fabrication business with a solvent tank, degreaser, and clarifier, and a former auto repair facility with a steam cleaner and sump. Remedial excavation was conducted over most of the site to 2 feet below ground surface (bgs) and deeper in limited areas (up to 25 feet bgs) between December 2003 and January 2004. Approximately 8,184 tons of impacted soil were excavated and disposed offsite. VOC concentrations detected in all soil confirmation samples were lower or close to their soil cleanup goals developed for the site. Because groundwater was not encountered to a depth of approximately 180 feet bgs, residual VOC soil contamination limited to depths between 25 to 60 feet bgs is not considered a threat to groundwater resource.

The subject site was redeveloped in 2004 as the Grand Avenue Mercy Housing project, and since then has been occupied by a multi-story residential building with an office and daycare center located on the bottom floor of the building. To mitigate potential vapor intrusion risk from residual VOC contamination, a passive ventilation system (which could be activated) and vapor barriers were installed beneath the referenced building and the outdoor play area of the daycare center during redevelopment of the site. Eight rounds of post-construction indoor air and sub-slab vapor monitoring were conducted from November 2005 through December 2006. Results of the monitoring indicate that the vapor barriers have prevented the intrusion of VOC vapors into the building. The California Office of Environmental Health Hazard Assessment reviewed the monitoring reports and supported this finding.

Based on the information provided to the Regional Board, and with the provision that this information is accurate and representative of site conditions, the Regional Board requires no further action (NFA) for subsurface investigation and remediation at the site. The case was closed in May 2011.

Boeing Real Property Management (Boeing) Former C-1 Facility, Long Beach

Ana Townsend

Boeing Real Property Management (Boeing) is proceeding to redevelop and sell the majority of the 343-acre Former C-1 Facility (The Site) in Long Beach, California. The Site is a former aircraft manufacturing and assembly plant that is located adjacent to the Long Beach Airport near the Interstate 405 and Lakewood Boulevard. Boeing is working with the cities of Long Beach and Lakewood, and the communities to redevelop and sell this property in a manner that will

promote economic growth and employment in the Long Beach area. To facilitate redevelopment and sales, Boeing has performed a comprehensive, multi-phase environmental remediation program under the direct oversight of the Los Angeles Regional Water Quality Control Board (Regional Board). Based on the results of this multi-phase environmental remediation program, the Regional Board has provided no further action for soils for approximately 260-acres of the Douglas Park project, the 4-acre Former Alteon Facility, and the 80-acre Former 717 Facility.

In August 2010, the Regional Board mailed a fact sheet and a community survey to businesses and residents around the Site. The fact sheet provided information on the Site conditions and remediation activities conducted over the past 10 years. A number of written questions and comments were received from the community and a response to the most common questions was prepared and mailed in January 2011. These communication efforts were focused on notifying those directly affected by the environmental sampling or cleanup activities including the cities of Long Beach and Lakewood, Long Beach Airport, the Lakewood Country Club and other surrounding businesses. These and future public participation programs focus on keeping the public informed about what was and is being done to protect human health and the environment and encouraging public input on Site activities.

Regional Board staff continues to work with Boeing to complete soil remediation and obtain respective parcel closures concurrently with groundwater remediation and long-term monitoring in order to further site redevelopment.

Successful Operation of Full Scale In Situ Thermal Treatment System for Vadose Soil and Shallow Groundwater at former Gillette (Paper Mate®) facility, Santa Monica

Peter Raftery

Since late December 2008, an 8 megawatt In Situ Thermal Treatment (ISTT) system, operated by Procter and Gamble, has removed volatile organic compounds (VOCs) from vadose zone soil and shallow groundwater at their former Paper Mate® pen manufacturing facility in Santa Monica, adjacent to several water supply wells. As April 2011, approximately 1,850 pounds of VOCs was removed from the ISTT remediation areas.

Recently, Procter & Gamble began to shut down portions of the ISTT system and sample soil in areas of the site where remediation is believed to be finished. The Regional Water Board expects to receive the results of soil remediation confirmation sampling analysis in the near future and will determine if shallow soil closure is appropriate.

Site Clean Up II

Status Report on Disney Buena Vista Facility in the Burbank Operable Unit

Larry Moore

As previously presented in the February 2011 EO report, during the 1998 USEPA Superfund investigation, information provided to the Regional Board indicated some groundwater supply wells in the San Fernando Valley Groundwater Basin had been contaminated by heavy metals, including (total) chromium and hexavalent chromium (Cr⁺⁶). Upon receipt of this information the Regional Board re-evaluated the Chemical Use Questionnaire (CUQ) submitted by each facility from the Superfund investigation to determine which facilities stored and/or used chromium compounds, including Cr⁺⁶.

A review of the CUQ submitted by Walt Disney Studios (Disney) indicated that Cr⁺⁶ was used and stored at the Disney facility located in Burbank, CA and it was suspected that the Cr⁺⁶ was used with the facility's cooling system. Based on the CUQ and other information, Regional Board staff determined that additional investigation work was warranted due to the historical use of Cr⁺⁶. Therefore, on October 18, 2010, a 13267 Order was issued to the facility to prepare and submit a technical soil and groundwater investigation work plan to conduct an onsite soil investigation, and conduct groundwater sampling of existing wells for the purpose of characterizing potential groundwater contamination beneath the facility.

On November 16, 2010 a meeting was conducted between Disney and their legal counsel and Regional Board staff and management. The meeting was used to facilitate dialogue and to answer questions regarding the 13267 Order and to schedule a site inspection. During this meeting Disney requested a timeline extension for the work plan submittal. A formal letter was submitted to the Regional Board requesting the timeline extension on November 17, 2010. The Regional Board reviewed and approved the timeline extension in a letter submitted to Disney on December 9, 2010. The

new due date for submitting the work plan was revised from December 1, 2010 to January 15, 2011.

A site inspection was conducted by Regional Board staff on December 7, 2010 to assess the Disney facility and to inspect the potential areas of concern and to determine sampling locations, and to discuss the components and elements of the proposed work plan.

On January 18, 2011 the Regional Board received the Disney work plan and the review was completed on March 31, 2011. A draft conditional work plan approval letter was generated and is presently being reviewed by Regional Board Executive Management staff.

Status Report on Excello Activities in the Glendale Operable Unit

Larry Moore

The Site submitted a work plan to develop a Remedial Action Plan (RAP) in October 2009. The work plan was reviewed by the Regional Board and USEPA and comments were provided to the Site in November 2009. The work plan was approved in December 2009 at which time the Site began working on developing the RAP. The "draft" RAP was submitted in January 2010. The RAP was reviewed by the Regional Board and the USEPA and comments were provided to the Site in March 2010 and in July 2010, the Site provided responses to these "draft" RAP comments. In the latter part of July 2010, a meeting was held between the Regional Board, USEPA and the Site to discuss and review the Site's responses. All responses except one were addressed during the July 10, 2010 meeting. The remaining comment was addressed on August 28, 2010. Since all comments were addressed, the Site submitted the revised RAP on September 30, 2010. Regional Board staff and USEPA reviewed the RAP and the RAP was approved in November 2010.

Presently, work has begun on implementing the RAP with the first task Hazardous Materials Building Survey (HMBS) work plan being submitted, reviewed and implemented from February through March 2011. A final report summarizing the findings of the HMBS investigation will be submitted to the Regional Board by May 2011.

On October 13, 2010 examples for "draft" community public outreach fact sheets were submitted by the Site to Regional Board staff and legal counsel for review and approval. Discussions and meetings between the Regional Board, State Water Resources Control Board (SWRCB), USEPA and the Site continued from October 2010 through February 2011 and the final draft fact sheet was completed in March 2011. Presently the fact sheet will be issued by the Regional Board as part of a resolution by the end of April 2011. A practice session and the public meeting have been scheduled for April 20, 2011 and May 26, 2011, respectively. The public meeting will be held at the City of Glendale's public library.

The final "Ability to Pay (ATP)" analysis evaluation based on information on the Site's sale from the existing property owner to Kroger/Ralphs was completed in March 2011. However, the tax records for the present property owner (i.e., Spirito Family Trust) were received by the Regional Board who will forward them to SWRCB for review to determine if the SWRCB's ATP analysis' conclusions would change. If not then work to complete a Prospective Purchaser's Agreement (PPA) would be started. The goal is to have the PPA completed by end of April 2011 and submitted along with the fact sheet as part of the resolution to be submitted by end of April 2011. The PPA and other information are targeted to be presented to Regional Board members during the July 2011 meeting. In addition, the USEPA is developing their own PPA.

In April 2011, the Department of Toxic Substance Control (DTSC) issued a comfort letter stating they would agree with the information presented in the Regional Board's and USEPA's PPAs..

Approval of Revised Groundwater Monitoring Work Plan, Former MQS Inspection, City of Commerce, California

Don Indermill

The former MQS Inspection facility was investigated for VOC impacts to the subsurface from a clarifier. Air sparging, Soil vapor extraction, and permanganate injection have been used as remedial techniques. Falling groundwater levels have necessitated the replacement of some groundwater monitoring wells that no longer serve a monitoring function. Additionally the Regional Board has authorized the abandonment of soil vapor extraction well that have are

no longer useful. These well abandonments will facilitate demolition of above-ground structures remove vandalism and trespassing liability.

Dominguez Channel Release, Carson

Greg Bishop

Petroleum hydrocarbons (LNAPL) has been daylighting within the bottom of the Dominguez Channel south of Carson Street in Carson, California, since January 2011. USEPA has led a group of State and local regulatory agencies in controlling and determining the source of the channel release. Los Angeles County Department of Public Works (LADPW) owns the channel and is responsible for operating containment booms and sorbent pads to control surface sheen migration within the channel. Regional Board staff have been assisting the USEPA in investigating the source of the release.

The LNAPL was initially assumed to have been originating from a Plains pipeline directly beneath the location where the LNAPL daylighting is occurring in the channel. However, the pipeline carries crude oil and the daylighting product is dominantly lighter-end gasoline-range hydrocarbons, with a small fraction of heavier-end compounds. In addition, the Plains pipeline underwent and passed pressure and tracer tests, indicating that it is likely not the source of LNAPL release to the channel.

Regional Board staff have identified and begun investigating other possible sources of the release:

- An operating gasoline station (Unocal 76 station) with known LNAPL in groundwater west of the channel.
- A series of five pipelines that extend beneath the channel from the north within Perry Street (one of these lines is the Plains crude oil line).
- A known dissolved-phase gasoline pipeline release within Perry Street northeast of the channel and adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- An inactive gasoline station (former Texaco) northeast of the channel and adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- An inactive gasoline station (former Humble Oil) northeast of the channel and adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- A former RV manufacturing facility (former Carson Air Harbor) with a former septic system that was converted to a waste oil tank. This site has detected LNAPL in a groundwater monitoring well. This site is adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- Pipelines adjacent to the east side of the channel, along the west side of Carson Air Harbor.
- A former RV service facility (former Active RV) adjacent to a series of pipelines (within Perry Street) that extend to and beneath the channel.
- Three petroleum pipelines along the west side of the channel.
- Petroleum pipelines within Recreation Road, west of the channel.
- Undocumented fuel tanks at Go Kart World, west of and adjacent to the channel.
- A pipeline corridor approximately 0.25 mile west of the channel with eight petroleum pipelines (there are sewer lines between the corridor and the channel release which make these lines a candidate if the sewer lines or their tranches are a transport mechanism).
- A similar release that occurred near Del Amo Street and the Dominguez Channel c. 1998. This release may have moved downgradient and resurfaced.
- In addition, the Dominguez Channel infrastructure includes a subdrain system: a set of horizontal perforated pipes within each levee. LNAPL has been detected within the subdrain systems along both the east and west banks of the levee. Regional Board staff hypothesized that LNAPL may be entering these subdrain systems away from the daylighting location within the channel and being transported beneath the channel by a physical structure (e.g., the Plains pipeline trench).

During April 2011, the Regional Board took the following actions:

Regional Board staff participated in soil excavation activities performed by the USEPA at the Active RV facility adjacent to the channel release. The excavation unearthed three pipeline trenches whose backfill material was suspected of being a conduit for LNAPL flow beneath the channel. No LNAPL was observed during the excavation activities; however, low level hydrocarbon odors were observed. Regional Board staff interprets that these pipeline trenches are not serving as a conduit for LNAPL flow beneath the channel.

The Regional Board issued a directive to the LADPW to continue extracting LNAPL from the Dominguez Channel surface and to submit a work plan to extract LNAPL that had been observed within the channel subdrain piping. The subdrain piping LNAPL extraction was intended to prevent discharge of the LNAPL in the subdrain piping, which is perforated, to the channel waters and to prevent lateral spread of LNAPL within the piping and releases to adjacent commercial and residential properties. On April 28, 2011, the LADPW responded to the directive in a brief letter stating that they believe that further evaluation is needed before an effective plan can be devised to extract LNAPL from the subdrain system. Regional Board staff are evaluating how to respond to LADPW.

Another scenario considered by the Regional Board is that a more regional LNAPL plume exists in the vicinity of the LNAPL daylighting (not restricted to just the Dominguez Channel and pipelines corridors) and that winter rains caused the LNAPL plume to rise in elevation and daylight within the channel. To evaluate this scenario, the Regional Board issued eight California Water Code section 13267 investigative Orders to entities associated with fuel pipelines and underground storage tanks (USTs) suspected of having contributed to the channel release. The Orders require an investigation of the subsurface to delineate impact around the channel release, individual pipelines and USTs, and to determine if the pipelines and USTs have releases linked to the channel release. Recipients of these Orders were: Chevron Pipeline, ConocoPhillips Company, Crimson Pipeline, Shell Oil Products US, Tesoro Corporation, Prowell Family Trust, Chevron Environmental Management Company, and BP Pipelines.

Regional Board staff reviewed work plans and investigative data associated with the Carson Air Harbor site owned by Shell Oil Products US. Regional Board staff have been working closely with Shell consultants to facilitate investigation progress at this site.

Regional Board staff met with USEPA and Prowell Family Trust representatives and a prospective buyer of the Prowell Family Trust property to explain Regional Board investigative goals and to answer questions about the prospective buyer's potential responsibilities if they proceed in purchasing the property.

Regional Board staff and Executive Officer responded to inquiries from The Daily Breeze newspaper regarding the channel release. The Daily Breeze also contacted LADPW and USEPA to inquire about the release. Stories about the Dominguez Channel release, including Regional Board Orders, were printed in The Daily Breeze and Press-Telegram newspapers on April 30, 2011.

Other agencies involved in regulating or monitoring the release include the Los Angeles County Fire Department, California Department of Fish and Game, South Coast Air Quality Management District, CalFire, and the City of Carson.

Site Clean Up III

Four Seasons Dry Cleaners and Laundry

Steve Rowe

The Four Seasons Dry Cleaners and Laundry (Site) is a 4,000 sq ft commercial property located in West Hollywood. Dry cleaning operations have been conducted at the Site since 1971. Soil, soil vapor and groundwater have been impacted with volatile organic compounds (VOCs), primarily tetrachloroethylene (PCE) from the former dry cleaning operations. Limited soil vapor extraction (SVE) remediation was reportedly conducted from May 2003 to March 2004. As a result, PCE concentrations decreased from 663 to 1.4 µg/L in the primary source area. However, details of the remediation and its adequacy are currently under review and additional confirmation soil and soil vapor sampling are needed to verify the cleanup. Groundwater impacts beneath the Site are based on prior groundwater data from the Former World Oil Service Station #65 (World Oil) site, which was granted closure by the Regional Board in December 2005. In September 2005, groundwater from offsite World Oil Well SE-MW-19 downgradient of the Site detected PCE up to 1,200 µg/L. Well SE-MW-19 was subsequently destroyed as part of the World Oil closure. No subsequent

groundwater investigation has been conducted specifically for the Four Seasons investigation. Regional Board staff reviewed a December 15, 2008 *Groundwater and Soil Gas Assessment Workplan* for proposed soil and groundwater investigation in response to a June 9, 2008 CWC 13267 Order from the Regional Board. Based on a review of the proposed work, under a 13267 Order amendment dated March 24, 2011 Regional Board staff requested that the workplan should be revised to include additional soil and soil vapor sampling in source areas such as dry cleaning machines and drum storage areas and revised groundwater monitoring well locations based on the groundwater flow direction in this area. Regional Board staff also requested submittal of missing documents and clarification of the procedures and adequacy of the prior SVE remediation at the Site. Lastly, there were deficiencies in prior reports including inadequate laboratory reports, site plans and the lack of boring logs, cross-sections and plume maps. These deficiencies along with revised soil and groundwater sampling locations will be addressed in a revised workplan due to the Regional Board by May 31, 2011.

In response to the March 24, 2011 13267 Order amendment request for a revised workplan, the responsible party representatives requested a meeting with the Regional Board to discuss and clarify the requirements. On April 14, 2011 Regional Board staff and management met with representatives of Four Seasons, their consultant and attorney to discuss the requirements outlined in the Order. The responsible party agreed to provide revised site plans for the sampling locations and revised groundwater monitoring well locations based on current and historical groundwater data. The revised soil vapor and groundwater monitoring well locations will be verified during a planned site walk with Regional Board staff.

Coast United Property Management Property Northridge, CA complaint no. r4-2010-0115

Angelica Castaneda

On July 29, 2010, the Interim Executive Officer of the Regional Water Quality Control Board, Los Angeles Region (Regional Board) issued Administrative Civil Liability Complaint No. R4-2010-0115 (ACLIC) against Coast United Property Management, in the amount of \$39,900 for failing to submit two technical reports under a 13267 Investigative Order issued February 20, 2008.

On October 27, 2010, a hearing on the ACLIC was held by a Hearing Panel of the Regional Board pursuant to California Water Code (CWC) § 13228.14 and 13323. The Panel subsequently submitted to the Regional Board its report of the hearing consisting of the findings of fact, conclusions of law, and recommended an administrative liability of \$56,362.50. However, the Panel determined that if both reports were submitted and approved by the Executive Officer no later than December 31, 2010, the Panel recommended that the Regional Board impose a reduced liability on the Discharger in the amount by \$50,762.50.

On February 3, 2011, in a Regional Board meeting, the Executive Officer informed the Regional Board that both reports were submitted and approved. The Regional Board approved the Panel's recommendation and imposed administrative civil liability on Coast United Property Management and issued Order on Complaint No. R4-2010-0115 (ACLO), which directed payment of \$50,762.50. Coast United Property Management submitted payment of the assessment in full in the amount of \$50,762.50 on March 7, 2011.

Regional Board staff has been assisting the consultant in the ongoing environmental investigations at the site. On May 9, 2011, the Regional Board sent two letters requesting access agreement from the neighboring properties to allow the collection of soil gas samples. After access is granted, the soil gas samples will be collected on-site and off-site to delineate soil vapor contamination. It is anticipated that the report of this phase of work will be submitted to the Regional Board by August 15, 2011.

SCP No. 1230 – Former Kast Tank Farm Property / Carousel Neighborhood

Dr. Teklewold Ayalew

In accordance with the requirements set in the Cleanup and Abatement Order issued by Regional Board on March 11, 2011, Shell Oil Company (Shell) is conducting the environmental characterization and planning pilot testing activities. Shell also informed the Regional Board that on April 22, 2011 the lawsuit brought against Shell by Girardi & Keese on behalf of current and former residents of the former Kast Property was dismissed. The impact of the lawsuit dismissal on the access to properties of the represented parties is not clear at this time. However, in a letter dated May 4, 2011, URS on behalf of Shell expressed concern due to current slow-down of access in filling up the testing schedule despite repeated reminders to the counsel for the represented residents.

As part of the ongoing groundwater investigation of the Gage Aquifer beneath the Site, exploratory borings and geo-physical logging for data acquisition are performed at four locations. Based on the data from the pilot holes, at least one monitoring well will be installed adjacent to each pilot hole. These wells may be of single or dual-completion construction and will be completed in the shallow and deeper groundwater saturated zones. Currently borehole clearance for the well installation is underway.

Shell also continued to conduct sampling activities at individual residences as access is granted by individual owners or the owners' legal representatives. Regional Board and the Office of Environmental Health Hazard Assessment staff continue to review the interim and follow-up Phase II Residential Sampling Reports. The completed Residential Sampling Activity as of **May 3, 2011** are as follows:

1. 259 homes have been screened for methane (91%),
2. 259 homes have had soils sampled and vapor probes installed (91%);
3. 246 homes have had sub-slab soil vapor probes sampled (86%); and
37 homes had indoor air sampling (13%).

Shell has so far submitted a total of 246 Interim Residential Reports and 72 Follow-Up Phase II Residential Sampling Reports. To date a response letter outlining the follow-up actions has been issued for the review of 238 Interim Residential Sampling Reports and 66 Follow-Up Phase II Residential Sampling Reports.

Former Athens Tank Farm / Ujima and Earvin Magic Earvin Johnson Regional Park, Los Angeles

Dr. Teklewold Ayalew

The Regional Board has scheduled a community outreach meeting on May 11, 2011. The goal of this meeting is to inform the community the status of the environmental conditions and activities at the Site, and to identify and accommodate community needs and preferences. The meeting agenda attempts to address the following:

What's been found so far?

Subsurface soils of the Site are impacted with petroleum hydrocarbons and other compounds including TPH, benzene, naphthalene, ethylbenzene, and lead. Overall, the concentrations detected in surface soil are low and do not pose a risk from direct contact. Higher levels of these chemicals have been found in deeper soils at some locations and are unlikely to be contacted by site visitors and workers. Elevated levels of several volatile organic compounds (VOCs) and methane are also present in subsurface soil vapor at portions of the site. However, the indoor air and outdoor air data collected to date at the site are comparable to ambient air quality data collected throughout the Los Angeles area, indicating that subsurface soil vapor contamination has not adversely affected the air quality at the site.

Is there a health threat found in this investigation?

There is no evidence to date of an immediate public health concern related to soil conditions at the site. A human health screening evaluation (HHSE) was performed for the Ujima Apartment Complex (UAC) and Ujima Housing Corporation (UHC) properties using shallow soil and indoor and outdoor air quality data. The HHSE provided a conservative estimate of potential health risk associated with potential exposure to chemicals detected during the investigation. The HHSE determined that the total cancer risk and noncancer hazard for exposure to shallow soils were within California EPA and USEPA acceptable limits. In addition, the indoor air quality at the site was comparable to those measured in outdoor air at the site and in the Los Angeles area. A subsequent HHSE for the proposed sports improvement areas in the Earvin Magic Johnson Regional Park and a Human Health Risk Assessment for the entire Park also concluded that the estimated cancer risks and noncancer hazards for Park users and employees are within regulatory acceptable levels. Additional investigations are planned to evaluate the potential for subsurface soil vapor contamination adversely impacting indoor air quality under unrestricted land use scenario and the potential for soil vapor migration to adjacent properties.

Field work activities currently underway include the following:

The implementation of the January 28, 2011 Soil and Soil Vapor Sampling Work Plan and the March 4, 2011 Off-Site Investigation Work Plan is underway. Soil vapor probe installation and sampling associated with the January 28, 2011 Soil and Soil Vapor Sampling Work Plan was completed.

Borehole clearance and vapor probe installation associated with the on-site portion of the Off-Site Investigation Work Plan began the last week of April, 2011. On-site soil vapor probe installation and sampling activities are in progress.

Incident Report

The Los Angeles County Fire Department received a letter from a consultant dated April 6, 2011 alleging that a methane gas hazardous condition exists at the Honey's Little Angels Child Care Center located on the footprint of the former tank farm. On April 7, 2011, the Fire Department's Health Hazardous Materials Division (HHMD) conducted an evaluation for methane gas of the facility which included inside the child care rooms as well as the crawl spaces below the modular building and found no detectable concentrations of methane or any other flammable gas or vapor.

Light Non-Aqueous Phase Liquid Site Management

Paul Cho

Staff was invited to present light non-aqueous phase liquid (LNAPL) site management using LNAPL transmissivity at the 21st Association for Environmental Health and Sciences (AEHS) International Conference and Annual Meeting in March 2011. Staff was also invited to present the same during the 2010 LUST Task Force Training by Association of State and Territorial Solid Waste Management Officials (ASTSWMO) in June 2010.

Based on regulatory oversight using LNAPL transmissivity as a metric for tracking LNAPL recovery progress, LNAPL mass removal has been significantly enhanced at the petroleum hydrocarbon impacted sites by installing LNAPL recovery wells at areas with higher LNAPL transmissivity values. Staff is participating ASTM Committee E50 for preparation of ASTM Standard Practice for methodologies for the estimation of LNAPL transmissivity.

Edgington Refinery, Long Beach

Paul Cho

This 20-acre site has been in operation as a refinery since its construction in the 1930's. In 1942, Edgington Oil Co., Inc. began operating the facility as an asphalt refinery. Refining operations were later expanded to include the production of naphthas, commercial jet fuel, diesel fuel, and fuel oils. Paramount Petroleum Corporation (PPC) has operated the refinery from 2007 to date.

On April 19, 2011, staff held a technical meeting with PPC to discuss overall environmental response programs including potential source areas of separate phase hydrocarbons, location and nature of soil impacts, dissolved phase hydrocarbons and well network, 2010 pilot test results, and soil gas survey in adjacent residential area. Based on staff recommendation during the meeting, PPC agreed to provide the following reports:

- Source Elimination Program by December 31, 2011 for onsite tanks and pipelines inspection and testing
- Soil vapor intrusion model report for offsite dissolved plume by August 31, 2011
- Additional monitoring well installation for A2 subsurface zone near the site's eastern boundary by September 31, 2011

Staff will continue to work with PPC to enhance the current environmental response programs including cleanup activities.

Site Clean Up IV

Former Wong Property, Los Angeles

Ann Lin

The Site is a 0.7-acre parcel of land located in an industrial/residential mixed area in the City of Los Angeles. Site assessments were completed for the soil, soil vapor, and groundwater contaminated from former underground storage tank and clarifier onsite. The responsible party (RP) completed additional soil exaction and groundwater hydropunch sampling activities in March and April 2011. Based on the information provided to the Regional Board as of May 11, 2011, staff has determined that the source removal and on-site groundwater plume delineation are completed. However, the groundwater beneath the site and immediate surrounding area of the excavation pits has some remaining contamination with volatile organic compounds – primarily trichloroethene (TCE). Staff is expecting to re-evaluate the groundwater quality for no further action after one year monitoring.

Defense Fuel Supply Point, San Pedro

Ann Lin

The Defense Fuel Supply Point (DFSP) San Pedro site is located at 3171 North Gaffey Street in San Pedro. Fuel-related petroleum hydrocarbons and associated chemicals have been locally released to the environment during the nearly 70-year history of operations at the 331-acre site. Based on historical site investigation studies, there are three identified areas for contamination. Those areas have the following background:

Administration Area (20-acre): Adsorbed-phase, dissolved-phase, vapor-phase and liquid-phase hydrocarbons have been identified. And 66 wells have been installed.

Pump House Area (15-acre): Adsorbed-phase, dissolved-phase, and liquid-phase hydrocarbons have been identified. 81 wells were installed in the Pump House Area. This area is currently under remediation using an integrated system including bioventing wells and vapor-extraction wells.

Tank Farm Area (170-acre): Twenty-six 50,000-barrel underground storage tanks and three above-ground storage tanks are located in this area. Currently, 11 storage tanks are out of service and empty. 25 monitoring wells have been installed in the Tank Farm Area.

With work plans approved by the Regional Board in 2010, the DFSP completed several data gap fill site investigation and submitted a Conceptual Site Model (CSM) in December 2010. In addition, construction debris and historical disposal areas (three large ravines) have been identified, and investigated by the Department of Navy under the Installation Restoration Program. DFSP proposed install additional groundwater monitoring wells to further assess north Tank Farm. Based upon technical data provided to the Regional Board, staff is evaluating status for each remediation system for sub-area and expecting further discussion with DFSP for cleanup strategies.

Former Matrix Science Facility, Torrance

Robert Ehe

The Matrix Science Corporation previously operated a manufacturing facility on several continuous leased parcels located at 335 - 455 Maple Avenue, in Torrance; the facility included electroplating of metal components, water treatment, and chemical storage. Contaminants of concern to soil and groundwater at the site included volatile organic compounds and metals. In July 2005, soil excavation and removal was conducted on the site, and between 2006 and 2008 soil vapor extraction was conducted at the site. Currently, Lyons Kang Maple LLC is the property owner and this site is being redeveloped. On March 15, 2011, the Executive Officer of the Regional Board issued a letter for "No Further Action for Soil Only" for the property at 435 Maple Avenue. However, staff required continued monitoring of groundwater on and around the site.

Los Angeles Air Force Base, Former Air Force Exchange Service Gas Station, El Segundo

Henry Jones

The former Los Angeles Air Force Base, Army Air Force Exchange Service gas station was a vehicle fueling facility located on approximately 0.33 acres of land in the City of El Segundo. The constituents of primary concern include petroleum hydrocarbons from gasoline fuel storage.

Staff has approved the LA Air Force's work plan, which included a proposal for two soil vapor extraction wells, four nested soil vapor monitoring wells, and to perform a pilot test with the soil vapor extraction system. Staff is expecting the results of the soil vapor extraction pilot test in June.

Chevron Former Oil Reservoirs, Manhattan Beach

Henry Jones

Chevron has historically owned and operated five oil reservoirs in an area that encompassed approximately 320 acres in the City of Manhattan Beach, which is confined by Rosecrans Avenue to the north, Aviation Boulevard to the east, Marine Avenue to the south, and Sepulveda Boulevard to the west. Chevron used the former oil reservoir area for oil refinery activities prior to selling the land in the late 1960's.

The Regional Board has received the *Current Conditions Report, Former Oil Reservoir Area, Manhattan Beach, California* (CCR) dated November 1, 2010, in response to a California Water Code section 13267 Order issued to Chevron Environmental Management Company by the Regional Board on August 3, 2010. The Order was supported by information showing high total petroleum hydrocarbon (TPH) detections at the Chevron Gas Station (gas station), located at the northwest corner of Aviation Boulevard and Marine Avenue, and concerns of environmental impacts from the Department of Toxic Substance Control's (DTSC's) 1999 Resource Conservation and Recovery Act (RCRA) Facility Assessment of the Northrop Grumman facility (formerly TRW) which resides on top of former reservoir 13.

The Regional Board is upon completion of reviewing the case file for Reservoir 13 and is in process of drafting an Order for further investigation at Reservoir 13.

Lisi Aerospace (Hi-Shear) Facility, Torrance

Mohammad Zaidi

This 12.25-acre facility manufactured fasteners for the aerospace industry. Soil and groundwater beneath the facility have been primarily impacted with volatile organic compounds (VOCs), and some heavy metals. Environmental investigations have been conducted at the site since 1991. A soil vapor extraction SVE system has been operating at the site since March 1999. To determine the progress of remediation of VOCs in soil, staff is expecting the implementation of a Revised Soil Gas Survey Workplan.

Valley Todeco Facility, Sylmar

Mohammad Zaidi

The Valley Todeco Facility manufactures metal fasteners, bearings, and machine parts for the aerospace industry. Soil and groundwater are primarily contaminated with volatile organic compounds (VOCs), and hexavalent chromium. The responsible party has been conducted site investigations for additional delineation of VOC contamination at the site and hexavalent chromium contamination in the Plating Department at the site. Recently, staff has required further assessment at the Plating Department Area in order to complete site assessment.

ARCO Vinvale Terminal, South Gate

Cris Morris

The ARCO Vinvale Terminal lies on the location of the former Rio Grande Refinery that was dismantled in the 1950s. The 710 freeway was constructed over the western portion of the refinery in 1956. The current site covers an area of approximately 35 acres and is used for the storage and loading of gasoline and diesel fuel products for delivery by tanker truck to retail outlets in the Los Angeles Area. Remediation efforts to recover Separate Phase Hydrocarbons (SPH) have been in effect since April 1993 and the Soil Vapor Extraction (SVE) system has been in operation since January 2001. Also, for the downgradient of the site, a passive oxygen diffuser system has been in operation since November 2005 to reduce dissolved phase hydrocarbon concentrations on the Target Shopping Center Property. In 2010, subsurface remediation conveyance piping was installed south of the site on the International Window Corporation property to improve SPH and SVE operations. As of March 2011, over 1.8 million gallons of hydrocarbons have been recovered and the average apparent thickness of the SPH has dropped from 13 feet to 2 feet.

The current issues at the site include (1) the presence of SPH west of the site at CW-4 on the other side of the 710 freeway (2nd Qtr 2010), (2) the City of South Gate drinking water production wells located downgradient of the Site and (3) the spread of the dissolved phase hydrocarbon plume. To address these issues, ARCO submitted a workplan for Cone Penetrometer Testing (CPT) investigation and the installation of a new sentinel cluster well (shallow, middle and deep) between the western edge of the site and the two South Gate drinking water production wells. The CPT work is scheduled to start in June. The installation of the cluster well requires a CalTrans encroachment permit. The application for the permit has already been submitted and is being reviewed.

Watershed Groups

Santa Monica Bay Watershed Management Area

A 2nd edition “State of the Watershed” report for the Santa Monica Bay Watershed Management Area is being finalized by Regional Board staff. The draft report is available for download at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_santamonica.shtml. This is an update of the first edition report completed in 1997.

Santa Monica Bay WMA – Ballona Creek Watershed

A watershed management plan is available for the Ballona Creek Watershed. The Ballona Creek Watershed Task Force meets in the afternoon on the third Tuesday of every other month, generally in Culver City. Meeting agendas and a copy of the watershed management plan may be found at <http://www.ladpw.org/wmd/watershed/bc/>. The Coastal Conservancy, in partnership with the California Department of Fish and Game and State Lands Commission, is developing a restoration plan for Ballona Wetlands. More information about this work may be found at <http://www.ballonarestoration.org>. A U.S. Army Corps of Engineers Ecosystem Restoration Feasibility Study is currently underway in coordination with the Coastal Conservancy work. More information about this study may be found at http://www.spl.usace.army.mil/cms/index.php?option=com_content&task=view&id=64&Itemid=31.

Santa Monica Bay WMA – Malibu Creek Watershed

The Malibu Creek Watershed Council is concerned with a variety of human health and habitat issues. Committees/task forces under the Council include those focusing on habitat/species, monitoring/water quality, education, and Rindge Dam. The Council’s Malibu Lagoon Task Force served as an advisory group during development of a lagoon restoration plan. A copy of the lagoon restoration plan, funded by the Coastal Conservancy, may be found at <http://www.parks.ca.gov/pages/980/files/000%20appendix%20a%20-%20malibu%20lagoon%20restoration%20and%20enhancement%20plan.pdf>. Implementation of the plan is underway.

Minutes from previous Council meetings, agendas for future meetings, and information about the watershed may be found on the Council’s website at <http://www.malibuwatershed.org/>.

A Malibu Creek Ecosystem Restoration Feasibility Study is underway. The U.S. Army Corps of Engineers and California Department of Parks and Recreation are the major partners in this effort which will evaluate, among other options, the feasibility of restoring the ecosystem through removal of Rindge Dam. More information may be found at http://www.spl.usace.army.mil/cms/index.php?option=com_content&task=view&id=455&Itemid=71.

Santa Monica Bay WMA – Topanga Creek Watershed

A watershed committee began meeting in the Topanga Creek Watershed in 1998. This group was formed as a followup to the Topanga Canyon Floodplain Management Citizens’ Advisory Committee which produced a draft Topanga Creek Watershed Management Plan in 1996; a watershed management plan was finalized by the watershed committee in 2002. Watershed residents continue work on implementation of actions identified in the Management Plan. The group currently meets on an infrequent basis. Their website address is <http://www.topangacreekwatershedcommittee.org>.

Los Cerritos Channel/Alamitos Bay Watershed Management Area

Colorado Lagoon is a largely saltwater, tidal water body connected to Alamitos Bay via a box culvert, is heavily utilized for recreational activities, and supports a wide range of birds and marine life. It is in a natural low point of the watershed and thus receives a considerable amount of urban runoff; it also has impaired water quality. A restoration feasibility study was conducted to explore opportunities to restore the marine ecosystem and support safe recreation while improving water and sediment quality, and managing storm water in the lagoon. The City of Long Beach is implementing water quality improvement actions described in the feasibility study. More information on the study may be found at <http://www.longbeach.gov/news/displaynews.asp?NewsID=561>.

Los Angeles River Watershed

The City of Los Angeles, U.S. Army Corps of Engineers, and multiple partners have developed a Los Angeles River Revitalization Master Plan which is available at <http://www.lariverrmp.org/>. A Programmatic Environmental Impact Report/Statement is also available.

The Los Angeles and San Gabriel Rivers Watershed Council (LASGRWC) is a consortium of government agencies, community and environmental groups, business and academia who organized to resolve and prevent problems in the watershed in a cooperative, collaborative manner. The LASGRWC conducts quarterly watershed symposia on current issues. Information on upcoming symposia may be found at <http://www.lasgrwc.org>.

The Friends of the Los Angeles River (FOLAR) is a nonprofit organization formed in 1986 in support of Los Angeles River restoration activities. More information about the organization may be found at <http://www.folar.org/>.

Information about the Arroyo Seco, a tributary to the Los Angeles River, may be found at the Arroyo Seco Foundation's website <http://www.arroyoseco.org/>. The nonprofit organization Northeast Trees utilized grant funds to prepare an Arroyo Seco Watershed Management and Restoration Plan which was completed in 2006. It can be downloaded at http://www.waterboards.ca.gov/losangeles/water_issues/programs/grants_loans/fundings/arroyoseco%20wmp.pdf.

Compton Creek is a tributary to the lower Los Angeles River. A watershed management plan was developed with input from a steering committee and community action team; the Plan can be found at <http://www.lasgrwc.org/ComptonCreek.htm>. An implementation plan entitled "Realizing Change in the Compton Creek Watershed" can also be found on the webpage.

The San Gabriel Valley Council of Governments (SGVCOG), in partnership with the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC), utilized grant funds to prepare a Rio Hondo Watershed Management Plan. The Rio Hondo drains to the Los Angeles River. A copy of the watershed management plan is available for download at <http://www.rmc.ca.gov/plans/water.html>.

The River Project is a nonprofit organization dedicated to planning for natural resource protection, conservation and enhancement in Los Angeles County. The group received CalFed funding to develop a watershed management plan for the Tujunga/Pacoima Watershed, a subwatershed of the Los Angeles River. The management plan was finalized in 2008 and can be downloaded at <http://www.riverproject.org/tujunga/plan.html>.

San Gabriel River Watershed

Amigos de los Rios is a nonprofit organization working with cities and residents to renew urban neighborhoods. Their Emerald Necklace project is a vision for a 17-mile loop of parks and greenways connecting 10 cities and nearly 500,000 residents along the Río Hondo and San Gabriel Rivers. More information about the organization may be found at <http://www.amigosdelosrios.org/>.

The San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy (RMC) produced a Guiding Principles Watershed and Open Space Plan which may be obtained at <http://www.rmc.ca.gov/>. The Conservancy is an agency within the California Natural Resources Agency and was established by law in 1999. Its jurisdiction includes the San Gabriel River and its tributaries, the Lower Los Angeles River and its tributaries, and the San Gabriel Mountains, Puente Hills, and San Jose Hills. Implementation of the Open Space Plan is occurring partly through award of pass-through grant funds.

In 1999, the Los Angeles County Board of Supervisors directed the Department of Public Works to prepare a San Gabriel River Master Plan which has since been adopted by the County Board of Supervisors. The Master Plan identifies project opportunities for: enhancements for recreation, open space, and habitat areas; restoration; preservation of the River's natural resources; and maintaining flood protection and existing water rights. Documents relating to the Master Plan may be obtained at <http://www.sangabrielriver.com/>.

The County of Orange, in coordination with the County of Los Angeles and multiple stakeholders in both counties, completed a watershed management plan in 2008 for Coyote Creek, a subwatershed of the San Gabriel River which straddles two counties and two Regional Board jurisdictions. The creek enters the San Gabriel River near the ocean and the subwatershed area covers a densely populated area of southeastern Los Angeles County and northern Orange County. The watershed management plan is available for download at <http://www.rmc.ca.gov/plans/water.html>. A "State of the Watershed" report for the San Gabriel River Watershed was prepared by Regional Board staff in 2000. The report describes the watershed, with its many diversion structures and recharge areas, and summarizes available water quality data. The report can be downloaded by accessing the Regional Board's website at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_sangabriel.shtml.

Dominguez Watershed

The Dominguez Watershed includes the waters of Dominguez Channel, Los Angeles/Long Beach Harbors, Machado Lake, and the land areas draining into them. A Watershed Master Plan is available; a list of potential implementation projects/programs is included in the Plan. A copy may be downloaded at <http://ladpw.org/wmd/watershed/dc/>.

A “State of the Watershed” report for Dominguez was prepared by Regional Board staff in 2008. The document can be downloaded at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/water_report/DominguezChannelState.shtml.

Calleguas Creek Watershed

The Calleguas Creek Watershed Management Plan Committee was convened in 1996 to initiate development of a comprehensive watershed management plan. A large group of stakeholders, including federal, state, and local agencies, landowners, businesses, and nonprofit organizations are represented. Information about the committee and its sub-committees as well as documents and meeting dates can be found at <http://www.calleguascreek.org/>.

Ventura River Watershed

Development of a Proposition 50-funded watershed protection plan is underway. The effort is being led by the Ventura County Watershed Protection District with active participation by the Ventura River Watershed Council. More information may be found at <http://www.watershedscoalition.org/>. An education and outreach component called “Watershed U” and overseen by UC Cooperative Extension was completed in May 2010. Presentations from the program may be found at <http://ucanr.org/sites/wshedUVR/>.

Implementation of an Ecosystem Restoration Feasibility Study is ongoing in the watershed. The U.S. Army Corps of Engineers and Ventura County Watershed Protection District are the major partners in this effort which evaluated, among other options, the feasibility of restoring the ecosystem through removal of Matilija Dam. The Final EIR/EIS was released in September 2004 and federal funding is currently being pursued for construction work; work on some downstream levees and bridges is scheduled for the near-term. More information, including project reports and the Final EIR/EIS, may be obtained on the website <http://www.matilijadam.org/>.

The Matilija Coalition is a local group committed to removal of Matilija Dam and subsequent ecosystem restoration. More information about the group may be found at <http://www.matilija-coalition.org/>.

A “State of the Watershed” report for the Ventura River Watershed was prepared by Regional Board staff in 2002. The report describes the watershed and summarizes available water quality data. The report can be downloaded by accessing the Regional Board’s website at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_ventura.shtml.

Santa Clara River Watershed

The Santa Clara River Enhancement and Management Plan (SCREMP) was developed to address management of the 500-year floodplain of the main river corridor. Related to the SCREMP, the details of a comprehensive river monitoring plan are being worked out by a group of watershed stakeholders. The management plan and the recommendations for a comprehensive monitoring plan can both be viewed at http://portal.countyofventura.org/portal/page?_pageid=876,1324291&_dad=portal&_schema=PORTAL.

A U.S. Army Corps of Engineers-sponsored watershed-wide planning effort is underway which will follow up on the intensive effort put into river corridor planning. More information on this activity may be found at <http://www.ladpw.org/wmd/scr/docs/SCR%20Pub%20Wkshp%202007%2008%2016%20b.pdf>.

The Ventura County Watershed Protection District has published two documents that are available on their webpage at http://portal.countyofventura.org/portal/page?_pageid=876,1324291&_dad=portal&_schema=PORTAL. One is a wetland project permitting guide for areas within the county and along the full length of the Santa Clara River. The other is a guide to native and invasive streamside plants.

In 1994, a pipeline over the Santa Clara River ruptured during the Northridge Earthquake and spilled crude oil. Funds from a settlement for natural resources damages are being administered by the Santa Clara River Trustee Council which is made up of representatives from the U.S. Fish and Wildlife Services and California Department of Fish and Game. Some of the funds were allocated to studies of the river’s biota that will eventually be utilized by the Coastal Conser-

vancy's Santa Clara River Parkway Restoration Feasibility Study. The results of the feasibility study will be used in restoration of parcels along the river being acquired by the Coastal Conservancy. Information on the Parkway and copies of technical reports available for download may be found at <http://www.santaclarariverparkway.org/>.

A "State of the Watershed" report for the Santa Clara River Watershed was prepared by Regional Board staff in 2006. The report describes the watershed and summarizes available water quality data. The report can be downloaded by accessing the Regional Board's website at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/wmi/ws_santaclara.shtml.

Miscellaneous Ventura Coastal Watershed Management Area

A wetlands restoration feasibility study has been completed for the Ormond Beach Wetlands by the State Coastal Conservancy and its consultants. A copy can be downloaded at http://www.scc.ca.gov/disp_gen.file?ormond along with supporting technical reports. The restoration planning work is generally discussed at Ormond Beach Task Force meetings held on the fourth Thursday of every other month in Oxnard.

The Ventura County Task Force of the Wetlands Recovery Project meets on the second Thursday of every other month, generally from 2- 4 PM, at the Ventura County Government Center's Multipurpose Room. Updates on various projects and studies occur at these meetings.

An oil pipeline ruptured in December 1993, spilling more than 2,000 barrels of crude oil into McGrath Lake and onto nearby beaches. A Trustee Council was eventually formed to plan and manage restoration of natural resources using settlement funds. The McGrath State Beach Area Berry Petroleum Oil Spill Restoration Plan and Environmental Assessment may be viewed at <http://www.dfg.ca.gov/ospr/NRDA/mcgrath.aspx>.

Southern California Wetlands Recovery Project

The Southern California Wetlands Recovery Project (WRP) is a partnership of public agencies working cooperatively to acquire, restore, and enhance coastal wetlands and watersheds between Point Conception and the International border with Mexico. Using a non-regulatory approach and an ecosystem perspective, the WRP works to identify wetland acquisition and restoration priorities, prepare plans for these priority sites, pool funds to undertake these projects, implement priority plans, and oversee post-project maintenance and monitoring. Additional information may be found at the WRP's website <http://www.scwrp.org>.

The WRP is headed by a Board of Governors (BOG) comprised of top officials from each of the participating agencies. The Wetlands Managers Group and the Public Advisory Committee serve as advisory groups to the Board. The Wetlands Managers Group is responsible for drafting the regional restoration plan and advising the Governing Board on regional acquisition, restoration, and enhancement priorities. Governing Board meetings are public and are noticed at least 10 days prior to each meeting.

County Task Forces help solicit projects for consideration for WRP funding by the Managers Group and Board of Governors. The WRP also has a Science Advisory Panel (SAP) and a wetlands ecologist who acts as liaison with the SAP. Recent activities have focused on coordination with a statewide effort to develop methods for rapid assessment of wetlands and development of a wetlands regional monitoring program. A paper on the habitat value of treatment wetlands has also been written and is available on the WRP's webpage at http://www.scwrp.org/documents/SAP/Treatment_wetlands/LitReviewWebCover.pdf.

A contract between Environment Now on behalf of the WRP and the State Water Resources Control Board has resulted in a number of useful and interesting products including maps and reports. These may be found at <http://www.lasgrwc.org/WRP.htm>.

Watershed Management Initiative Chapter

Each Regional Board has a "chapter" in a statewide document which describes the Region's watersheds and their priority water quality issues. The last update occurred in December 2007. The consolidated statewide document can serve as the basis for many funding decisions including allocating money for monitoring, TMDL development, and grant monies disbursement. Updates occur on an as-needed basis. The current document can be downloaded at http://www.waterboards.ca.gov/losangeles/water_issues/programs/regional_program/index.shtml#Watershed. In addition, there is a clickable map of the region's watersheds for information specific to each one.

Integrated Regional Water Management Planning

Both Los Angeles and Ventura Counties have developed Integrated Regional Water Management (IRWM) Plans in order to qualify for funding under Propositions 50 and 84. The Greater Los Angeles County IRWM Plan may be viewed at <http://www.lawaterplan.org/> which also includes information on meetings. The Ventura County IRWM Plan is available at <http://www.watershedscoalition.org/> which also includes information on meetings. Neither the Greater Los Angeles County or Ventura County IRWM Regions include the upper Santa Clara River. Stakeholders in that area have developed a separate IRWM Plan which is available at <http://www.scrwaterplan.org>. An additional IRWM Region within Los Angeles County, Gateway, is located in south-east Los Angeles County. More information may be found at <http://www.gatewayirwmp.org/>. All four IRWM Regions recently were awarded Proposition 84 funds to either develop an IRWM Plan or update an existing one.

Groundwater Permitting and Land Disposal Program

Foothill Trails District Neighborhood Council Meeting

Eric Wu

On April 21, 2011, staff attended the Foothill Trails District Neighborhood Council at Lake View Terrace to clarify the extent of Burbank Western Channel which is identified in the 2008 Clean Water Act (CWA) 303(d) list as impaired by contaminants including bacteria. Properties with onsite wastewater treatment systems (OWTS) within 600 feet of waterbodies contaminated by bacteria or nitrogen compounds, and listed in the 303(d) list, are considered high risk to those adjacent waterbodies. The reaches of La Tuna Canyon Lateral and Hansen Heights Channel were originally labeled as Burbank Western Channel in maps provided on the Water Board website. However, after reviewing watershed map and reference, Staff concluded that the reach extending east above the confluence near Glencrest Drive is La Tuna Canyon Lateral, and the reach toward north, to be Hansen Heights Channel.

Coordinated Sampling Plan

Eric Wu

The Memorandum of Understanding (MOU) between the Regional Board and cities regarding onsite wastewater treatment systems (OWTS) requires submittal of existing OWTS inventories. Based on the inventories, staff determined that surface water tests are necessary to confirm that surface waters are not contaminated by effluents of OWTS. Staffs of both Groundwater Permitting Unit and TMDL Unit have coordinated with the Cities and the County of Los Angeles to collect water samples from La Tuna Canyon Lateral, Hansen Heights Channel, and from waterbodies in the Cities of Calabasas and La Canada Flintridge where OWTS are present. Constituents to be analyzed include nitrogen compounds such as total nitrogen, nitrate, nitrite, TKN, ammonia, and indicator bacteria, i.e., total coliform, E. coli, and enterococcus.

Summary of General Waste Discharge Requirements Enrolled and Terminated

Rosie Villar and Rebecca Chou

From April 13, 2011 to May 11, 2011, one discharger enrolled under the general Waste Discharger Requirements (WDR), one was modified and two WDRs were terminated. The table below contains a breakdown for each category of general WDR.

		Project Manager	Date of Coverage	Date of Revision	Termination
A.	General WDR Discharge for Groundwater remediation at petroleum Hydrocarbon fuel and/or volatile organic compound impacted sites (Order No. R4-2007-0019)				
1.	Maintenance Bldg. @ Oxnard Community College, Oxnard CI 9553	Gregg Kwey (UST Program)			4/20/11
2.	76 Products Service Station No. 0703, Beverly Hills CI 9682	Chandra Cansler-Tyler (UST)	4/18/11		
3.	Former Fast Gas # 538/Target Store T-290, Gardena CI 8940	Chandra Cansler-Tyler (UST)		4/19/11	
B.	General WDR For Groundwater Remediation at Petroleum Hydrocarbon Fuel and/or Volatile Organic Compound Impacted Sites (Order R4-2002-0030)				
1.	Lashkari ARCO #105, Oxnard CI 8909	Eric Wu			4/18/11

Summary of Inspection Reports

Rosie Villar and Rebecca Chou

From March 1, 2011 to May 11, 2011, staff conducted 18 pre-permitting and annual inspections.

	Date Issued	Permittee	Project Manager
1	3/01/11	Malibu Racquet Club, CI 9677	David Koo
2	3/01/11	Casa Malibu Inn, CI 9675	David Koo
3	4/13/11	Scholl Canyon Landfill, CI 2846	Douglas Cross
4	4/13/11	Toland Road Landfill, CI 5644	Enrique Casas
5	4/14/11	Reliance Pit #2 Landfill, CI 7106	Wen Yang
6	4/14/11	Peck Road Gravel Pit, CI 6650	Wen Yang
7	4/14/11	Nu-Way Live Oak Landfill, CI 6728	Wen Yang
8	4/14/11	Durbin Landfill, CI 9196	Wen Yang
9	4/19/11	Spadra Landfill, CI 2295	Wen Yang
10	4/19/11	United Rock Products Pit #2, CI 8799	Wen Yang
11	4/19/11	United Rock Products Pit#3, CI 5801	Wen Yang
12	4/20/11	Jepson Wash Debris Basin Spillway, CI 9689	David Koo
13	4/21/11	1941 Reservoir LTU, CI 5817	Enrique Casas
14	4/22/11	Sunshine Canyon City Landfill, CI 2043	Wen Yang
15	4/26/11	Bishops Canyon Landfill, CI 4914	Douglas Cross
16	4/27/11	Paramount Landfill, CI 8372A	Enrique Casas
17	4/29/11	Peter Pitches Landfill, CI 6198	Enrique Casas
18	5/04/11	Claremont Landfill, CI 5766	Enrique Casas

Summary of Notice of Violations

Rosie Villar and Rebecca Chou

From April 13, 2011 to May 11, 2011, staff issued 11 Notices of Violation for WDRs violations.

	Date Issued	Permittee	Project Manager
1	4/18/11	Residential OWTS, CI 9106	Eric Wu
2	4/18/11	Highpointe Communities, Inc., CI 8114	Eric Wu
3	4/22/11	Lashkari ARCO, CI 8909	Eric Wu
4	4/22/11	Acton County Park, CI 8817	Eric Wu
5	4/27/11	OWTS at 3663 Mandeville Canyon Rd., CI 9120	Eric Wu
6	4/29/11	LA County Fire Dept., CI 5710	David Koo
7	4/29/11	US Dept of Agriculture Casitas Fire Station, CI 5762	David Koo
8	5/02/11	Malibu Seafood Restaurant, CI 8860	Eric Wu
9	5/02/11	OWTS @ 3625 Mandeville Canyon Rd., CI 9118	Eric Wu
10	5/02/11	Santa Clara & LA River Basins, CI 9017	Eric Wu
11	5/02/11	Val Verde Community Regional Parks, CI 8874	Eric Wu

Summary of California Water Code (CWC) Sections 13263(e)/13267 Orders

Rosie Villar and Rebecca Chou

From April 13, 2011 to May 11, 2011, Executive Officer issued two CWC Sections 13263(e)/13267 Orders for WDR renewal.

	Date Issued	Permittee	Project Manager
1	4/20/11	Toyota Expansion Parcel/TLC Site, CI 7617	Douglas Cross
2	4/20/11	TLC Consent Order Study Area, CI 4946	Douglas Cross

Sustainable Claremont Water Reclamation Plan

Rebecca Chou

Staff attended the Sustainable Claremont Water Action Group (SCWAC) meeting on April 20, 2011 at Claremont College. SCWAC plans to build a network of small water reclamation plants (approximately 0.5 to 1.0 million gallons per days) to provide landscape irrigation and perhaps recharge water for spreading grounds. Waste water generated within the community will provide the influent to these plants, while the effluent will be used to satisfy the landscape irrigation needs of major water users, e.g., the Claremont Colleges, Claremont City parks, Claremont public school campuses, a golf course, the Rancho Santa Ana Botanic Garden, and several corporate campuses. Representatives of California Department of Public Health, Three Valleys Municipal Water District, and M2Renwables are also present to share experiences in regulatory requirements in the operation of small water reclamation plants. Other attendees include Southern California Water Committee, Claremont University Consortium, Scripps College, and the Pomona College Environmental Analysis Water Reclamation team.

Field Trip of La Tuna Canyon Lateral and Hansen Heights Lateral

Rebecca Chou

On May 2, 2011, staff participated in a field trip organized by the City of Los Angeles to tour the La Tuna Canyon Lateral (LTCL) and Hansen Heights Lateral (HHL) as part of the effort in finalizing an On-site Wastewater Treatment System (OWTS) Ordinance. LTCL and HHL are determined as non-high-risk area for OWTS. Most of the LTCL is concrete lined except a small portion of the upstream area. Upstream of the HHL is underground. Both channels are concrete lined before merging to Western Burbank Channel which is designated as a Clean Water Action section 303 (d) impaired water body. Staff plans to collect some surface water samples from LTCL, HHL, and Western Burbank Channel in May to verify the water quality in the area.

Land Disposal Staff Attended Advanced Alternate Final Cover Workshop

Wen Yang

On April 18, 2011, staff of the Land Disposal Unit, along with Groundwater Permitting and Land Disposal Section Chief Dr. Rebecca Chou, attended a workshop at the Regional Board office in Riverside on alternate final cover for landfills. The workshop was conducted by Dr. William Albright at the Desert Research Institute, University of Nevada, and Dr. Craig Benson from the Department of Geological Engineering at the University of Wisconsin-Madison and covered the latest in research concerning hydrogeology and ecological concepts regarding alternate landfill cover systems.

When the active life of a landfill is ended, the owner or operator must install and maintain a final cover that meets specific regulatory design criteria, or an alternate design that meets specific performance criteria. Alternative final covers use vegetation and existing materials that, in combination, serve as an effective evapo-transpiration barrier preventing precipitation from percolating into the underlying waste. Currently, the most commonly used alternative final landfill cover is the evapo-transpiration (ET) cover, also called a monolithic cover or a water balance cover.

Because of the dry climate, monolithic final covers have been widely used in southern California. A number of municipal solid waste landfills in this Region, including the Spadra Landfill, Bradley Landfill, Puente Hills Landfill, Lopez

Canyon Landfill, and Sunshine Canyon Landfill, have either constructed, or proposed to construct, monolithic final cover systems after final closure. The workshop increased staff's knowledge on this type of final cover and enhanced staff's ability to regulate the operations of landfills during the final closure and postclosure maintenance stages.

Personnel

As of June 2, 2011 our staff total is 130: 114 technical staff, 7 permanent analytical staff and 9 permanent clerical staff.

The following separated from Region 4:

Dionisia Rodriguez, Environmental Scientist, retired from State service effective May 10, 2011.

Toni Callaway, Engineering Geologist, retired from State service effective May 31, 2011.